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PATENT
Attorney Docket No. MFL-003
5407/9

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Yu et al. CONFIRMATION NO.: 4824
SERIAL NO.: 10/771,739 GROUP NO.: 2123
FILING DATE: February 4, 2004 EXAMINER: Not yet assigned
TITLE: Apparatus and Methods for Performing Process Simulation Using a Hybrid Model

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the foreign patent documents and non-patent publications are enclosed.

REMARKS

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below, **OR**
- ☐ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or

- ☐ (3) after the mailing date of a **final action** or **notice of allowance** but before the payment of the **issue fee**, **AND**
- ☐ the requisite Statement is below, **AND**
- ☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

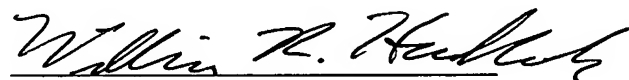
It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

STATEMENT

As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that [check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]:

- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

Respectfully submitted,



William R. Haulbrook
Attorney for Applicants
Testa, Hurwitz, & Thibeault, LLP
High Street Tower
125 High Street
Boston, Massachusetts 02110

Date: November 16, 2004
Reg. No. 53,002

Tel. No.: (617) 310-8427
Fax No.: (617) 248-7100



TRANSMITTAL FORM

Application Serial Number	10/771,739
Filing Date	February 4, 2004
First Named Inventor	Yu
Group Art Unit	2123
Examiner Name	Not yet assigned
Attorney Docket No.	MFL-003
Patent No.	Not applicable
Issue Date	Not applicable

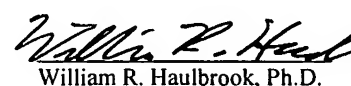
ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form <input type="checkbox"/> Amendment/Response <input type="checkbox"/> Preliminary <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets _____] <input type="checkbox"/> Petition for Extension of Time <input checked="" type="checkbox"/> Supplemental Information Disclosure Statement <input checked="" type="checkbox"/> Form PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations B13-B16 and C98-C103 <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Sequence Listing submission <input type="checkbox"/> Paper Copy/CD <input type="checkbox"/> Computer Readable Copy <input type="checkbox"/> Statement verifying identity of above	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application <input type="checkbox"/> Formal Drawing(s) <input type="checkbox"/> Request For Continued Examination (RCE) Transmittal <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> CD(s) for large table or computer program <input type="checkbox"/> Amendment After Allowance <input type="checkbox"/> Request for Certificate of Correction <input type="checkbox"/> Certificate of Correction (in duplicate)	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences <input type="checkbox"/> Appeal Brief (in triplicate) <input type="checkbox"/> Status Inquiry <input checked="" type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8 <input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8 <input type="checkbox"/> Additional Enclosure (please identify below)
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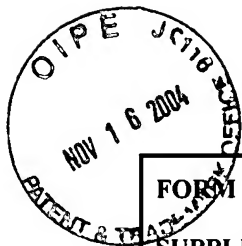
CORRESPONDENCE ADDRESS

Direct all correspondence to: Patent Administrator
 Testa, Hurwitz & Thibault, LLP
 High Street Tower
 125 High Street
 Boston, MA 02110
 Tel. No.: (617) 248-7000
 Fax No.: (617) 248-7100

SIGNATURE BLOCK

Respectfully submitted,

 William R. Haulbrook, Ph.D.
 Attorney for Applicants
 Testa, Hurwitz & Thibault, LLP
 High Street Tower
 125 High Street
 Boston, MA 02110

Date: November 16, 2004
 Reg. No.: 53,002
 Tel. No.: (617) 310-8471
 Fax No.: (617) 248-7100



FORM PTO - 1449				ATTORNEY DOCKET NO.: MFL-003					
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				APPLICANT(S): Yu <i>et al.</i>					
				SERIAL NO.: 10/771,739					
				FILING DATE: February 4, 2004					
				GROUP: 2123					
U.S. PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
FOREIGN PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG Y/N
	B13	09262887	10/07/1997	JP				Y	Y (Abstract Only)
	B14	10138312	05/26/1998	JP				Y	Y (Abstract Only)
	B15	10156885	06/16/1998	JP				N	Y (Abstract Only)
	B16	2002219739	08/06/2002	JP				N	Y (Abstract Only)
OTHER ART, JOURNAL ARTICLES, ETC.									
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
	C98	Guo <i>et al.</i> , "Numerical Simulation of Injection Molding of Semicrystalline Thermoplastics," <u>Antec, Plastic the Lone Star 2001</u> , 1:1-5 (2001).							
	C99	Guo <i>et al.</i> , "On the Prediction of Crystallinity Distribution in Injection Molded Semi-Crystalline Thermoplastics," <u>Antec 2000, Plastic the Magical Solution</u> , 1:1-5 (2000).							
	C100	Liu, "Isothermal Flow Simulation of Liquid Composite Molding," <u>Composites</u> , Part A 31:1295-1302 (2000).							
	C101	Muslet <i>et al.</i> , "Computer Simulation of the Film Blowing Process Incorporating Crystallization and Viscoelastic Effects," <u>Antec</u> , 3:3241-3245 (2003).							
	C102	Pouzada <i>et al.</i> , "The Use of Morphology Data in the Design of Injection Moulded Flat Products," <u>Antec, Plastics Bridging the Millennium</u> , 3:1-5 (1999).							
	C103	International Search Report for International Application No. PCT/US2004/003063, dated September 6, 2004 (4 pages).							
EXAMINER					DATE CONSIDERED				